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CERTIFICATE OF MAILING UNDER 37 C.F.R. §1.8

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail, with sufficient postage, in an envelope addressed to: Commissioner for Patents, P. O. Box 1450, Alexandria, VA 22313-1450, on the below date:

Date February 23, 2006 Name: Anthony P. Curtis, Ph.D. Signature:

BRINKS
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& LIONE

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

| | | | |
|---------------------|---|---------------------------|--|
| Applicants: | Naoya HASEGAWA, et al. | Examiner: | |
| Serial No.: | 10/619,341 | Heinz, Allen J. | |
| Filed: | 07/14/2003 | Art Unit: 2653 | |
| For: | MAGNETIC SENSOR WITH SECOND ANTIFERROMAGNETIC LAYER HAVING SMALLER DEPTH IN HEIGHT DIRECTION THAN FREE LAYER | | |
| Attorney Docket No: | 9281-4603 | Client Ref. No. N US02004 | |

TRANSMITTAL

Mail Stop: Amendment
Commissioner for Patents
Alexandria, VA 22313-1450

Sir:

Attached are:

- Transmittal Letter (in dup); Response to Office Action of 11/30/2005 (7 pgs); Supplemental Information Disclosure Statement; PTO Form 1449; and
- Return Receipt Postcard

Fee calculation:

- An extension fee in the amount of \$____ for a ____-month extension of time under 37 C.F.R. § 1.136(a).
- An additional filing fee has been calculated as shown below:

| | Claims Remaining After Amendment | | Highest No. Previously Paid For | Present Extra | Small Entity | | or | Not a Small Entity | |
|---|-------------------------------------|-------|------------------------------------|------------------|--------------|-----------|----|--------------------|-----------|
| | | | | | Rate | Add'l Fee | | Rate | Add'l Fee |
| Total | | Minus | | | x \$25= | | | x \$50= | |
| Indep. | | Minus | | | x 100= | | | x \$200= | |
| First Presentation of Multiple Dep. Claim | | | | | +\$180= | | | +\$360= | |
| | | | | | Total | \$ | | Total | \$ |

Fee payment:

- A check in the amount of \$____ is enclosed.
- Please charge Deposit Account No. 23-1925 in the amount of \$180.00 for the Supplemental Information Disclosure Statement. A copy of this Transmittal is enclosed for this purpose.
- The Director is hereby authorized to charge payment of any additional filing fees required under 37 CFR § 1.16 and any patent application processing fees under 37 CFR § 1.17 associated with this paper (including any extension fee required to ensure that this paper is timely filed), or to credit any overpayment, to Deposit Account No. 23-1925.

2/23/06
Date

Respectfully submitted,

Anthony P. Curtis, Ph.D. (Reg. No. 46,193)
Agent for Applicants